

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION

Product Name: **Zero Visibility MAX**

Product Use: Fire Fighter Training (SCBA, S&R, TIC, PPV Training & Evaluation); Wind Tunnel; Leak Testing; Exhaust Hood Testing; Air Flow Analysis; Emergency Evacuation Training...

WHMIS/OSHA Class: Not controlled

T.D.G./DOT Classification: Not regulated

Manufacturer/Supplier: **American Safety ASHP**

Address: 513 Stewart Street, Suite G, Charlottesville, VA 22902 Telephone: 434.977.2700

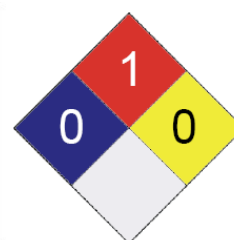
24-hour Emergency Phone Number: 800.424.9300

II INGREDIENTS

ITEM	CAS #
Propylene glycol	57-55-6
Triethylene glycol	112-27-6
Glycerol	56-81-5
De-ionized water	7732-18-5

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/	0
Flammability		1
Physical Hazard		0
Personal Protection		A



III PHYSICAL DATA

Boiling Point (deg C): Not determined

Vapor Pressure (mmHg @ 20 °C): Not determined

Vapor Density (Air = 1): ~3

Solubility in Water: 100% @ 70 degrees F

Physical State: Liquid

Appearance and Odor: Clear colorless, mild odor

Specific Gravity (H₂O = 1): ~1.05

% Volatile (Wt %): Not determined

Evaporation Rate (Water = 1): Not determined

pH: Neutral

Viscosity: Not determined

Odor Threshold (ppm): Not determined

IV FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS/OSHA criteria.

Flash Point (deg C, TCC): >121

LEL: Not determined UEL: Not determined

Hazardous Combustion Products: May include and are not limited to oxides of carbon.

Autoignition Temperature (deg C): Not determined.

Means of Extinction: Carbon dioxide, dry chemical, alcohol foam, water fog.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

V REACTIVITY DATA

Conditions for Chemical Instability: None.

Incompatible Materials: Acids, oxidizers, bases.

Reactivity, and Under What Conditions: Not determined

Hazardous Decomposition Products: May include and are not limited to oxides of carbon when heated to decomposition.

VI HEALTH HAZARD DATA

Route of Entry: Eye, Ingestion

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.



VI HEALTH HAZARD DATA *continued*

Ingestion: May cause stomach irritation.

EFFECTS OF CHRONIC EXPOSURE: None known.

Irritancy: Non-hazardous.

Respiratory Tract Sensitization: No data available.

Mutagenicity: No data available.

Synergistic Materials: Not determined.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Reproductive Effects: No data available.

VII PREVENTATIVE MEASURES

Gloves: Rubber gloves recommended.

Eye Protection: Safety glasses recommended.

Respiratory Protection: Not normally required if good ventilation is maintained. This product is not an inhalation hazard, however, brief irritation may occur from exposure to high-prolonged vapor or aerosol concentrations. Persons with asthma or reactive airway disorders should be warned that they might experience asthma-like effects from exposure to this or any aerosolized material.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, state and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in closed container away from incompatible materials.

VIII FIRST AID

Eye: Immediately flush with water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops.

Skin: Not a normal route of harmful exposure. Flush with water. Wash thoroughly with soap and water. Obtain medical attention if irritation develops.

Inhalation: Not a normal route of harmful exposure. If symptoms develop, move individual to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

IX. REGULATORY INFORMATION

Clean Air Act: This material does not contain any hazardous air pollutants, Class I or II ozone depleters.

Clean Water Act: This material does not contain any chemicals listed as a hazardous substance, priority pollutant, or toxic pollutant under the Clean Water Act.

SARA: This material does not contain any materials that have a Reportable Quantity (RQ, Section 302) or is reportable under Section 313 of SARA.

RCRA: Not listed as a material banned from land disposal.

International Regulations: This material does not contain any material that is on the Canadian DSL/NDSL list. None of the ingredients in this material is on the Canadian Ingredient Disclosure List.

California Proposition 65: None of the constituents of this material is listed as having a significant risk level.

X PREPARATION INFORMATION

Prepared by: Douglas Olson, President, American Safety & Health Promotions, LTD

Telephone: 434.977.2700 *Date:* 02 Feb 2008

